

CRYPTOGRAPHICALLY SECURE NETWORK

ABSTRACT OF THE DISCLOSURE

Systems, methods, and computer-readable medium for securely transmitting data (400) between at least two access systems (300, 320) via a switch system (310). Through the use of encryption keys and the switch system (310) acting as a central switch, any two access systems are able to securely transmit data (400) between them. The present invention can be implemented by means of an application proxy (1000), a secure connection enabled application, or application program interfaces.